



Concord Light

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www.concordma.gov/cmlp

Understanding Your Residential Electric Bill

The Meter Charge

The meter charge covers the cost of reading the meter, calculating and printing the bill, postage, and part of the cost of the meter and the service wires connected to your home. As of this writing, the customer charge is \$8.05 per month for a single-phase meter, or \$16.10 per bi-monthly bill.

The Residential Sales Tier – Energy Charge

Electricity is sold in units called **kilowatt-hours**, with each kilowatt being equal to 1000 watts. When one kilowatt (kW) is used for an hour, the energy used is called one kilowatt-hour (kWh). For example, ten 100-watt light bulbs running for one hour equals one kWh.

Your energy charge is the primary component of your bill. It is determined by the residential energy rate multiplied by the kWhs used. For example, if you used 500 kWhs at \$0.15 per kWh, your energy charge would be \$50.00 (500 x \$0.15 = \$75.00).

Rate Stabilization Credit

The Rate Stabilization Credit is paid from the fund we established in 2006 to mitigate the anticipated higher power costs when the Constellation contract expired. The Constellation Contract expired on September 30, 2009, ending more than seven years of favorable wholesale power costs, and we are now issuing this credit to lessen the impact of rising costs on our customers.

New York Power Authority Credit

The New York Power Authority Credit is based upon the savings we obtain by purchasing hydroelectric power from the New York Power Authority. Under Federal Law, this savings is passed only to residential customers. NOTE: The power consumed by residential customers is more than 20% green about half of which is purchased from the New York Power Authority.

Purchased Power Adjustment

Concord Light buys its electricity from a number of generating sources such as natural gas, land fill gas, solar, and hydro. However, because the costs associated with each source's generation are not constant, i.e. the cost of fuel used to generate electricity can fluctuate dramatically, the Purchased Power Adjustment (PPA) factor is used to recover fluctuations in wholesale power and transmission costs which represent about 80% of Concord Light's costs. As these costs either increase or decrease, the PPA factor changes to insure these costs are covered and at the same time are revenue neutral to Concord Light.

Underground Surcharge

The Underground Surcharge is a 1.5% fee used to help offset the cost of placing existing overhead wires underground. Undergrounding all utilities in Concord is a Town bylaw.

Energy Conservation Charge

This charge covers the cost of Energy Conservation Service Programs required by the Commonwealth of Massachusetts. This charge is 0.52% of the total current charges billed excluding the finance charge and sales tax.

For more information about our current rates, please visit our website at www.concordma.gov/cmlp.